

51036 U.S. PTO  
09/891399  
06/27/01



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
ROBERT ALEXANDER KEILLER )      Examiner: UNASSIGNED  
Application No.: UNASSIGNED )      Group Art Unit: UNASSIGNED  
Filed: June 27, 2001 )  
For:      A CONTROL APPARATUS      )      June 27, 2001

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

FEE STATEMENT

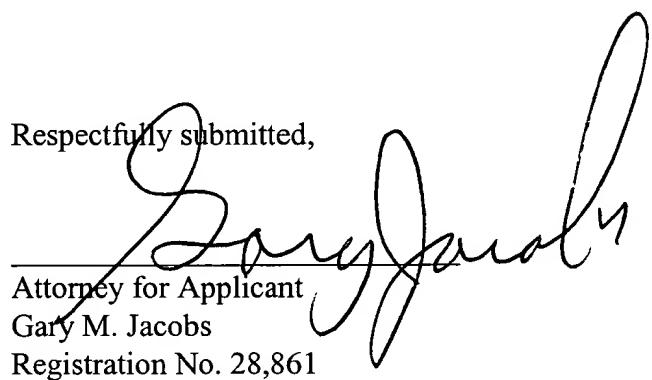
No fee or statement is required in connection with this Information Disclosure statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits or (2) expiration of the three month period following filing of the above-captioned application.

REMARKS

It is respectfully requested that the cited information be considered by the Examiner and that an annotated copy of the enclosed Form PTO-1449 be returned with the next official communication indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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Attorney for Applicant  
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GMJ\smj

U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)

(Use several sheets if necessary)

Date Submitted to PTO: **June 27, 2001**

ATTY DOCKET NO.

**1263.1745**

APPLICATION NO.

**UNASSIGNED**

APPLICANT

**ROBERT ALEXANDER KEILLER**

FILING DATE

**June 27, 2001**

GROUP

**Unassigned**

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09/891399  
06/27/01



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>5,960,395</b>	<b>9/28/99</b>	<b>TZIRKEL-HANCOCK</b>	<b>704</b>	<b>241</b>	
	<b>6,525,749</b>	<b>4/29/97</b>	<b>GOLDENTHAL, ET AL.</b>	<b>395</b>	<b>2.63</b>	
	<b>5,265,014</b>	<b>11/23/9</b>	<b>HADDOCK, ET AL.</b>	<b>364</b>	<b>419.08</b>	
	<b>6,012,027</b>	<b>1/4/00</b>	<b>BOSSEMAYER, JR.</b>	<b>704</b>	<b>243</b>	
	<b>4,918,732</b>	<b>4/17/90</b>	<b>GERSON, ET AL.</b>	<b>381</b>	<b>43</b>	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>WO 99/08084</b>	<b>2/1999</b>	<b>PCT</b>			<b>NO</b>
	<b>0 911 808</b>	<b>4/28/99</b>	<b>EPO</b>			
	<b>WO 99/18566</b>	<b>4/15/99</b>	<b>PCT</b>			
	<b>0 854 418</b>	<b>7/1998</b>	<b>EPO</b>			
	<b>0 872 827</b>	<b>10/1998</b>	<b>EPO</b>			
	<b>2 346 999</b>	<b>8/2000</b>	<b>United Kingdom</b>			
	<b>0 789 349 A2</b>	<b>8/1997</b>	<b>EPO</b>			
	<b>DE198 04 047A1</b>	<b>8/1999</b>	<b>GERMANY</b>			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

**"XML Unleashed", (Chapter 20) Michael Morrison, et al. (ISBN - 0-672-31514-9), Sams Publishing, 2000****"Unification-based Multimodal Integration", Johnson, et al., In the Proceedings of the 35<sup>th</sup> Annual meeting f the Association for Computational Linguistics and 8<sup>th</sup> Conference of the European Chapter of the Association f r Computational Linguistics, 1997, pp. 281-288****"Research in Multimedia and Multimodal Parsing anf Generation", Mark T. Maybury - Conference proceedings of Coling 94, Computational Linguistics. Internati onal Conference. 15th, 1994 Aug. Kyoto, Japan****"Put That Were? Voice and Gesture at the Graphics Interface" M. Billinghurst - ACM SIGGRAPH Vol. 32, N . 4, N vember 1998**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

FORM PTO 1449 (modified)		ATTY DOCKET NO.	APPLICATION NO.
U.S. DEPARTMENT OF COMMERCE		1263.1745	UNASSIGNED
PATENT AND TRADEMARK OFFICE		APPLICANT	
LIST OF REFERENCES CITED BY APPLICANT(S)		<b>ROBERT ALEXANDER KEILLER</b>	
(Use several sheets if necessary)			
Date Submitted to PTO: <b>June 27, 2001</b>		FILING DATE <b>June 27, 2001</b>	GROUP <b>Unassigned</b>

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>5,621,854</b>	<b>4/15/97</b>	<b>Hollier</b>			
	<b>5,832,424</b>	<b>11/3/98</b>	<b>Tsutsui</b>			
	<b>4,805,193</b>	<b>2/14/89</b>	<b>McLaughlin, et al.</b>			
	<b>4,087,630</b>	<b>5/2/78</b>	<b>Browning, et al.</b>			
	<b>4,827,516</b>	<b>5/2/89</b>	<b>Tsukahara, et al.</b>			

## OTHER PATENT DOCUMENTS

	<b>Extract from Chapter 6, Section 6.5 of Techniques in Natural Language processing 1: Module Workbook Mellish, Whitelock &amp; Ritchie</b>
	<b>"Pearl: A Probabilistic Chart Parser" Magerman et al in Proceedings, European ACL, April 1991. Also published in Proceedings, Second International Workshop for Parsing Technologies, February 1991.</b>
	<b>"A Generic Platform for Addressing the Multimodal Challenge" Laurence Nigay, et al. - Conference proceedings on Human Factors in computing systems, May 7-11, 1995 Denver, CO USA</b>
	<b>Allen et al. - Chart Parsing (extract), pp. 55, 56, 67</b>
	<b>Jean-Claude Martin, "Tycoon: Theoretical Framework and Software Tools for Multimodal Interfaces", Intelligence and Multimodality in Multimedia Interfaces, John Lee (Ed.) AAI Press, <a href="http://www.limsi.fr/Indivde/martin/publications/download">www.limsi.fr/Indivde/martin/publications/download</a></b>
	<b>S. Caraballo, et al., "New Figures of Merit for Best-First Probabilistic Chart Parsing", 1998 Association for Computational Linguistics, pp. 275-298, Vol. 24, #2</b>
	<b>S. Bird, et al., "One-Level Phonology: Autosegmental Representations and Rules as Finite Automata", 1994 Association for Computational Linguistics, pp. 55-90, Vol. 20, No. 1</b>
	<b>D. Magerman, et al., "Efficiency Robustness and Accuracy in Picky Chart Parsing", 30<sup>th</sup> Annual Meeting of the Assoc. for Computational Linguistics, June 1992, Delaware, pp. 40-47</b>
	<b>I. Bazzi, et al., "Modeling Out-of-Vocabulary Words for Robust Speech Recognition", Massachusetts Institute of Technology</b>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2